In the Claims:

Please amend claim 1 and cancel claims 2-3, all as shown below.

1.   (Currently Amended):   A high level dynamic code generation method, comprising:

a) creating a class file container object that stores source code describing a class, wherein creating a class file container object includes selecting a class name and a super class for the class;

b) adding a first source code defining a method to the class stored in the class file container object;

c) adding a second source code into the method in the class stored in the class file container object;

d) repeating steps b and c to populate the class stored in the class file container object;

e) generating a tree of statements and expressions based on the class stored in the class file container object;

f) using the tree of statements and expressions to generate byte code for the class; and

g) instantiating an instance of the class;

wherein the method can generate code for any type of Java^{TM} program.

2 - 9.   (Canceled)

10.   (Previously Presented):   The method of claim 1 wherein the dynamically generated code implements an adaptor class.

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11.   (Previously Presented):   The method of claim 1 wherein the dynamically generated code implements a proxy class.

12.   (Previously Presented):   The method of claim 1 further comprising:

repeatedly adding a method to the class stored in the class file container object for each method associated with a stub generated for a remote object.

13.   (Previously Presented):   The method of claim 12 wherein repeatedly adding a method to the class stored in the class file container object for each method associated with a stub generated for a remote object includes:

determining a number of methods associated with the stub in a remote interface.

14 - 15.   (Canceled)

16.   (Previously Presented):   The method of claim 1 wherein the tree of statements and expressions represents at least one method, the at least one method comprising at least one of: a code statement, an expression, a variable and a programming construct.

17.   (Previously Presented):   The method of claim 15 wherein the tree of statements and expressions forms a known structure or interface when the class file container is a known type.

18.   (Previously Presented):   The method of claim 17 wherein the tree of statements and expressions forms a known structure or interface when the class is at least one of an adapter and a

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proxy type.

19 - 24. (Canceled)

25. (Previously Presented): The method of claim 1, wherein the dynamically generated code is used for remote method invocation skeletons, remote method invocation stubs, wrappers for database connections, and proxies used to enforce call-by-value semantics.

26. (Previously Presented): The method of claim 1, wherein dynamically generated code exists for the life of a server it resides upon.

27. (Previously Presented): The method of claim 1, further comprising generating executable code from the byte code by using a class loader.

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